Delo® Gold Multigrade

Multifunctional Diesel Engine Oil

Product description

Delo® Gold Multigrade is a high-performance, multigrade, heavy-duty diesel engine oil designed for use in a wide range of diesel engines requiring lubricants that meet API CH-4 performance standards.

It is formulated with ISOSYN® technology.

Customer benefits

- **Helps reduce fleet maintenance costs**
  ISOSYN® technology, incorporating a combination of high-performance hydrocracked base fluids and a specially balanced metallic detergent and ashless dispersant additive system, is designed to provide a high level of engine cleanliness under a wide range of service conditions. It also helps deliver the soot dispersancy required to support oil drain intervals in diesel engines. In addition, good oxidation stability helps protect against the formation of gums and varnish at elevated temperatures.

- **Supports prolonged engine life**
  A high-efficiency dispersant combination, together with a proven metallo-organic anti-wear additive system, is designed to provide protection against wear of critically loaded components under a wide range of operating conditions. The multigrade viscosity also helps provide additional protection against wear at start-up and under high-temperature operating conditions.

- **Helps preserve power and performance**
  An advanced metallic detergent additive system is designed to help preserve power and performance by providing a high level of upper ring belt deposit control under the high-temperature conditions encountered in turbocharged diesel engines.

- **Contributes to reduced inventory costs**
  A mid-ash, higher-dispersancy formulation is designed to provide a high level of overall performance in mixed fleets with different engine designs, helping to enable the use of fewer oils and reduce the risk of issues arising from product misapplication.

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Applications

- Mixed fleets of diesel engines (high-speed, four-stroke, turbocharged or naturally aspirated)
- Four-stroke gasoline engines in mixed fleets of diesel and gasoline engines
- Commercial road transport applications
- Off-highway vehicles and plant equipment
- Agricultural tractors and farm machinery
- High-speed diesel engines in marine service (e.g., fishing boat, river transport)
- Generator sets
- Mobile hydraulic systems (where oil type and viscosity are appropriate)

Product approvals, performance, and recommendations

Performance standards

- API CH-4/SJ (SAE 15W-40, SAE 20W-50)
- API CH-4 (SAE 10W-30)

Suitable for use in applications requiring:

- API CG-4, CF-4, CF
- Cummins CES 20071, 72 (SAE 15W-40)
- Mack WO-M Plus, EO-M, EO-L (SAE 15W-40)
- Volvo VDS (SAE 15W-40)

Service Considerations

For vehicles fitted with diesel particulate filters (DPFs), Delo 400 MGX or Delo 400 SLK should be selected in accordance with the equipment manufacturer's recommendations. The use of these low SAPS (sulfated ash, phosphorus and sulfur) products can help maximize intervals between filter cleaning.

Delo Gold Multigrade has a phosphorus level higher than that permitted by certain recent passenger car motor oil standards, such as ILSAC GF-5 and ACEA "C" categories. Optimum life of catalytic emission control systems is best supported by using oils meeting the performance standard recommended by the vehicle manufacturer.

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Typical test data

DELO® GOLD MULTIGRADE	TEST METHOD	RESULTS	
SAE Grade		**15W-40**	**20W-50**
Product Code		**500637**	**500638**
Base No., mg KOH/g	ASTM D2896	7.5	7.5
Viscosity,			
mm²/s @ 100°C	ASTM D445	14.4	18.2
mm²/s @ 40°C	ASTM D445	104	150
Viscosity Index	ASTM D2270	142	134
Flash Point, COC, °C	ASTM D92	237	237
Pour Point, °C	ASTM D97	-39	-39

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ENVIRONMENT, HEALTH, and SAFETY. Information is available on this product in the Safety Data Sheet (SDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions, and comply with laws and regulations concerning product use and disposal. To obtain an SDS for this product, visit the Product Information Center.

This Product Data Sheet (PDS) was produced for the Africa, Middle East and Pakistan region in good faith from the best information available at the time of issue. The specific information included may not directly reflect the local market or conditions. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. For the most up-to-date, country-specific information, please contact your local customer service center.

Customers should always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

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Chevron's Family of Brands

Chevron company product

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